

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 11 | ("20030112302" "1201435").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 12:51 |
| S1 | 52 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/10 09:50 |
| S2 | 6 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (steer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 14:55 |
| S3 | 1 | 10/824507 and steering | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:22 |
| S4 | 1 | "347"/\$3 and (chamber or container or recess) same (orifice or hole or nozzle or ejector) same (steer\$3) same heat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:28 |
| S5 | 2 | "20020130931" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:27 |
| S6 | 15 | "347"/\$3 and (steer\$3 with actuator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 14:57 |

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| S7 | 1 | "347"/\$3 and (steer\$3 with mechanical near actuator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 14:58 |
| S8 | 15 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:22 |
| S9 | 22 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:03 |
| S10 | 8 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (actuat\$3 or paddle) with (steer\$3 or direct\$3 or path) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:06 |
| S11 | 1 | "347"/\$3 and (steer\$3 with paddle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:06 |
| S12 | 85 | "347"/\$3 and ((steer\$3 or direct\$3 or path\$3 or re\$direct\$3) with ink with paddle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:08 |

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|-----|-----|--|---|----|----|------------------|
| S13 | 0 | "347"/\$3 and ((steer\$3) with ink with paddle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:07 |
| S14 | 83 | "347"/\$3 and ((steer\$3 or direct\$3 or re\$direct\$3) with ink with paddle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:08 |
| S15 | 981 | (ink with actuat\$3) and (actuat\$3 with paddle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:08 |
| S16 | 905 | (ink with actuat\$3) same (actuat\$3 with paddle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:11 |
| S17 | 731 | (ink with actuat\$3) same (actuat\$3 with paddle) and "347"/\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:08 |
| S18 | 122 | (ink with actuat\$3) same (actuat\$3 with (paddle and valve)) and "347"/\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:10 |
| S19 | 94 | (ink with actuat\$3) same (actuat\$3 with ((paddle with chamber) and valve)) and "347"/\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:10 |
| S20 | 0 | (ink with actuat\$3) same (actuat\$3 with ((paddle with chamber) and valve)) and "347"/\$3 not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:10 |

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|-----|-----|--|---|----|----|------------------|
| S21 | 18 | (ink with actuat\$3) same (actuat\$3 with paddle) and "347"/\$3 not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:16 |
| S22 | 0 | (ink with actuat\$3) same (actuat\$3 with paddle same steer\$3) and "347"/\$3 not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:13 |
| S23 | 14 | (ink with actuat\$3) same (actuat\$3 with paddle same (steer\$3 or direct\$3)) and "347"/\$3 not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:13 |
| S24 | 264 | (ink with actuat\$3) same (actuat\$3 with valve) and "347"/\$3 not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:18 |
| S25 | 4 | (ink with actuat\$3) same (actuat\$3 with valve with mechanical) and "347"/\$3 not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:19 |
| S26 | 0 | (ink with actuat\$3) same (actuat\$3 with valve with steer\$3) and "347"/\$3 not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:18 |
| S27 | 74 | "347"/\$3 and (steer\$3 or direct\$3) with (valve) with actuat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:21 |
| S28 | 14 | "347"/\$3 and (steer\$3 or directing or directed) with (valve) with actuat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:21 |

EAST Search History

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| S29 | 8 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuator and valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:22 |
| S30 | 8 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuator and valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 16:14 |
| S31 | 1 | 10/824507 and valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:25 |
| S32 | 2137 | mechanical near actuat\$3 with valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:25 |
| S33 | 8 | mechanical near actuat\$3 with valve and "347"/\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:25 |
| S34 | 4 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuator same valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:49 |

EAST Search History

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|-----|----|---|---|----|----|------------------|
| S35 | 10 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and heat same (direct\$3 or steer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:46 |
| S36 | 12 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and electrode same (direct\$3 or steer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:50 |
| S37 | 2 | ("6213595").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:49 |
| S38 | 0 | ("6213595").pn. and piezo | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:49 |
| S39 | 13 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 with (piezo or piezo\$electric or PZT) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:51 |

EAST Search History

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|-----|----|---|---|----|----|------------------|
| S40 | 4 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 with (moving or movable or mov\$3 or location) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:51 |
| S41 | 10 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 with (moving or movable or mov\$3 or location or position) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:56 |
| S42 | 10 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 with (moving or movable or mov\$3 or location or position\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 15:55 |
| S43 | 6 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and steer\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 16:03 |
| S44 | 27 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 16:03 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S45 | 3 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (heat\$3) and (nozzle or orifice) with plate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 16:03 |
| S46 | 962 | "347"/\$3 and (heater with chamber same ((nozzle or orifice) with plate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 16:05 |
| S47 | 397 | "347"/\$3 and (heater with chamber with ((nozzle or orifice) with plate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 16:11 |
| S48 | 2 | "4494128".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 16:11 |
| S49 | 52 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 16:23 |
| S50 | 1316 | dante.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:16 |
| S51 | 9 | dante.in. and "347"/\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:18 |

EAST Search History

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|-----|-----|---|---|----|-----|------------------|
| S52 | 49 | "347"/\$3 and (movable near actuator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:21 |
| S53 | 148 | "347"/\$3 and ((movable or moved or move or moves or moving or re\$locat\$3 or chang\$3) near actuator with position) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:22 |
| S54 | 214 | "347"/\$3 and ((movable or moved or move or moves or moving or re\$locat\$3 or chang\$3) near4 actuator near4 position) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:22 |
| S55 | 0 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and acutat\$3 with mov\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 16:24 |
| S56 | 0 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 with mov\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 16:24 |
| S57 | 22 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/20 16:24 |

EAST Search History

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|-----|----|--|---|----|-----|------------------|
| S58 | 0 | "347"/\$3 and (acutator with movable with chamber) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:28 |
| S59 | 98 | "347"/\$3 and (actuator with movable with chamber) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:30 |
| S60 | 27 | "347"/\$3 and (actuator with movable with chamber) not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 16:31 |
| S61 | 2 | "20010045973" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 07:59 |
| S62 | 2 | "20020107303" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 10:42 |
| S63 | 1 | 10/858556 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 10:52 |
| S64 | 11 | "1323789" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/21 10:52 |
| S65 | 1 | 10/824507 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 12:23 |

EAST Search History

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|-----|------|--|---|-----|-----|------------------|
| S66 | 1492 | 347/54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 11:49 |
| S67 | 2 | "20010045973" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 11:59 |
| S68 | 1 | "200298547" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 12:23 |
| S69 | 2 | "20020098547" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 12:23 |
| S70 | 2 | "20020093547" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/21 12:23 |
| S71 | 1 | 10/824507 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/08/21 16:11 |
| S72 | 2 | "6213595".pn. and heater | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/22 08:09 |
| S73 | 1 | "6213595".pn. and heater same (drop or droplet) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/22 08:09 |

EAST Search History

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| S74 | 27 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (steer\$3 or deflect\$3) and (form\$3 or eject\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/22 13:16 |
| S75 | 1 | 10/824507 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/23 13:03 |
| S76 | 52 | ("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/23 13:15 |
| S77 | 1586 | 347/54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/23 14:31 |
| S78 | 2 | "20020085057" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/23 14:31 |
| S79 | 6 | ("6572222" "20020060709" "20020085057").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/11 10:04 |
| S80 | 2 | "6572222".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/01/09 14:23 |

EAST Search History

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|-----|------|--|---|-----|-----|------------------|
| S81 | 1 | 10/824507 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/01/09 14:15 |
| S82 | 1700 | 347/54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/01/09 14:31 |
| S83 | 612 | 347/54.ccls. not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/01/09 14:32 |
| S84 | 3 | 347/54.ccls. and (steer\$3) not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/01/09 14:32 |
| S85 | 157 | 347/54.ccls. and (steer\$3 or charg\$3) not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/01/09 14:33 |
| S87 | 326 | "347"\$3 and (steer\$3 with (ink or drop\$4 or print\$3 or liquid)) not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/01/12 08:51 |
| S88 | 110 | "347"\$3 and ((actuat\$3 or paddle or valve or heat\$3) same steer\$3 with (ink or drop\$4 or print\$3 or liquid)) not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/01/12 08:52 |
| S89 | 33 | "347"\$3.ccls. and ((actuat\$3 or paddle or valve or heat\$3) same steer\$3 with (ink or drop\$4 or print\$3 or liquid)) not silverbrook | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/01/12 10:32 |

EAST Search History

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|-----|----|--|---|-----|-----|------------------|
| S90 | 1 | "6536882".pn. and (heat\$3 and steer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/01/12 10:34 |
| S91 | 2 | "6536882".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/01/17 08:06 |
| S92 | 2 | "6572222".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/05 09:28 |
| S93 | 2 | "6572222".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/04/05 12:26 |
| S94 | 2 | "6213595".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/04/05 10:02 |
| S95 | 58 | "347"/\$3 and (drop or droplet or fluid or liquid or ink) near2 (steer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/04/05 10:02 |
| S96 | 74 | "347"/\$3 and (drop or droplet or fluid or liquid or ink) near2 (steer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/04/05 10:07 |
| S97 | 2 | "6213595".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/04/05 12:36 |

EAST Search History

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|----------|-------|--|---|-----|-----|------------------|
| S98 | 2 | "6561616".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/04/05 13:30 |
| S99 | 25783 | "347"/\$3 and (drop\$4 or ink or eject\$4 or print\$3) near3 (steer\$3 or mov\$3 or direct\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/07/10 09:26 |
| S10 0 | 127 | "347"/\$3 and (drop\$4 or ink or eject\$4 or print\$3) near3 (steer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/07/10 09:26 |
| S10 1 | 68 | "347"/\$3 and (drop\$4) near3 (steer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/07/10 10:05 |
| S10 2 | 2 | "20030112302" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/10 09:51 |
| S10 3 | 3 | "6588890" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/10 09:52 |
| S10 4 | 0 | ("6561616" "6536882" "2003011302").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/07/10 10:05 |
| S10 5 | 9 | ("6561616" "6536882" "2003011302").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 10:06 |

EAST Search History

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|----------|------|--|---|-----|-----|------------------|
| S10 6 | 9 | ("6561616" "6536882" "2003011202").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 10:06 |
| S10 7 | 6 | ("6561616" "6536882" "20030112302").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 10:27 |
| S10 8 | 1 | 2002-437284.NRAN. | DERWENT | AND | OFF | 2007/07/10 10:07 |
| S10 9 | 1 | 2002-149641.NRAN. | DERWENT | AND | OFF | 2007/07/10 10:07 |
| S11 0 | 6 | ("6561616" "6536882" "20030112302").pn. and (eject\$3 or print\$3 or drop\$4 near form\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 12:09 |
| S11 1 | 49 | "347"/\$3 and (continuous with electrode with eject\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 10:29 |
| S11 2 | 49 | "347"/\$3 and (continuous with electrode with eject\$4) and electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 10:31 |
| S11 3 | 1111 | (continuous and drop near demand) and "347"/\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 12:41 |